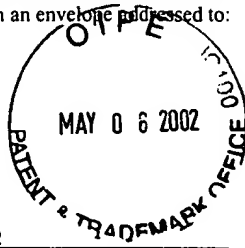


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Washington, D.C. 20231

PATENT
Attorney Docket No.: 020366-077610US
Client Ref. No. 1776C



On April 30, 2002

TOWNSEND and TOWNSEND and CREW-LLP

By: Cindy Bennett
Cindy Bennett

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Richard Cerami, et al.

Application No.: 09/921,283

Filed: August 1, 2001

For: PROACTIVE REPAIR PROCESS
IN THE XDSL NETWORK
(WITH A VDSL FOCUS)

Examiner:

Art Unit: 2184

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR
§1.97 and §1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

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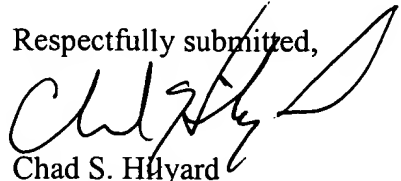
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. Also enclosed is a copy of the Search/Examination report corresponding to the PCT application. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,


Chad S. Hilyard
Reg. No. 40,647

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CSH:cmb

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

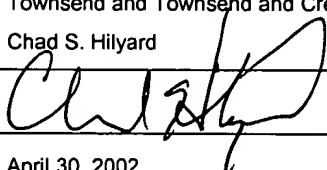
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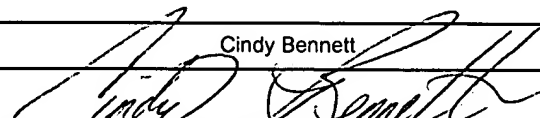
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/921,283	
	Filing Date	August 1, 2001	
	First Named Inventor	Cerami, Richard	
	Group Art Unit	2171	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	4	Attorney Docket Number	020366-077610US

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ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Cited References: 26-US Patents
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	Copy of PCT Search Report
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm and Individual name	Townsend and Townsend and Crew LLP Chad S. Hilyard Reg. No. 40,647
Signature	
Date	April 30, 2002

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